ATTY. DKT. 28953.7292

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.: 10/586,670

(based on PCT/JP2005/000456)

In re the Application of:

Akira TAKAHASHI et al

Filed: July 20, 2006

For: SELECTIVELY PERMEABLE MEMBRANE TYPE REACTOR

## INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Sir:

Pursuant to 37 C.F.R. 1.56, the attention of the Patent and Trademark Office is hereby directed to the reference listed on the attached Form PTO-1449. A copy of the reference listed on Form PTO-1449 is attached.

The above information is presented so that the Patent and Trademark Office may, in the first instance, determine any materiality thereof to the claimed invention. See 37 C.F.R. 1.104(a) and 1.106(b) concerning the PTO duty to consider and use any such information. It is respectfully requested that the

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information be expressly considered during the prosecution of this application, and that this reference be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

Respectfully submitted,

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October 4, 2006

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Sheet	1	of	1

Form PTO-144 (Modified)	19		partment of Commerce and Trademark Office	Attorney's Docket No. 28953.7293		Application No. 10/586,670	
Information Disclosure Statement by Applicant			Applicant Akira TAKAHASHI et al				
(Use several sheets if Agecessary)  (37 CFR §1.98(b))		Filing Date July 20, 2006		Group Art Unit Not yet assigned			
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U.S. Patent Documents							
Examiner Initial	Desig.	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
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Foreign Patent Documents or Published Foreign Patent Applications								
Examiner	Desig.	Document	Publication	Country or			Transl	ation
Initial	ID	Number	Date	Patent Office	Class	Subclass	Yes	No
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Other Documents (include Author, Title, Date, and Place of Publication)				
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	AO			
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Examiner Signature	Date Considered				
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with					
next communication to applicant.					